

Special Issue

2nd Edition: AI/ML-Based Medical Image Processing and Analysis

Message from the Guest Editors

AI/ML-based medical image processing and analysis are becoming increasingly important with advances in the use of image processing and analysis in the automated recommended diagnosis of medical conditions. Medical professionals and medical institutions are not only ready to accept machine learning (ML)- and artificial intelligence (AI)-enabled medical devices, but they are also eagerly awaiting devices that could potentially ease the load on professional medical personnel and increase accuracy of diagnosis, as well as provide a means for early diagnosis and intervention. The U.S. Food and Drug Administration has already approved many AI/ML-enabled medical devices, listed in <https://www.fda.gov/medical-devices/software-medical-device-samd/artificial-intelligence-and-machine-learning-aiml-enabled-medical-devices>. Researchers are encouraged to continue in this field of study and continue with patentable methods and devices that could be potentially approved for use in medical institutions.

Guest Editors

Dr. Ghazanfar Latif

Department of Computing Science, Thompson Rivers University,
Kamloops, BC V2C 0C8, Canada

Dr. Jaafar M. Alghazo

Department of Computer Engineering, Virginia Military Institute,
Lexington, VA 24450, USA

Deadline for manuscript submissions

closed (31 December 2023)



Diagnostics

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 5.9
Indexed in PubMed



mdpi.com/si/151734

Diagnostics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
diagnostics@mdpi.com

[mdpi.com/journal/
diagnostics](https://mdpi.com/journal/diagnostics)





Diagnostics

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 5.9
Indexed in PubMed



[mdpi.com/journal/
diagnostics](https://mdpi.com/journal/diagnostics)



About the Journal

Message from the Editor-in-Chief

You are cordially invited to submit research articles, short communications, comprehensive reviews, case reports or interesting images for consideration and publication in *Diagnostics* (ISSN 2075-4418). *Diagnostics* is published in open access format – research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Andreas Kjaer
Department of Clinical Physiology, Nuclear Medicine & PET National
University Hospital, Rigshospitalet, University of Copenhagen,
Blegdamsvej 9, DK-2100 Copenhagen, Denmark

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, Inspec, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Medicine, General and Internal) / CiteScore - Q2 (Internal Medicine)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 21 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).